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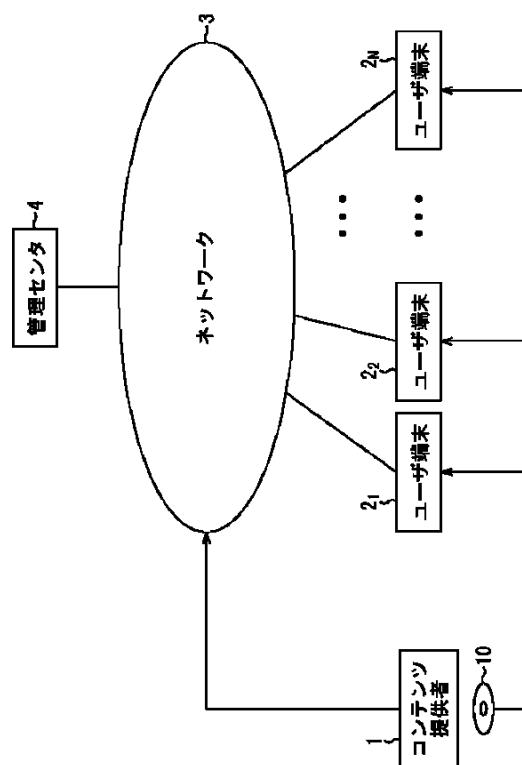
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(54) 【発明の名称】 情報処理装置および情報処理方法、プログラム記録媒体、並びにデータ記録媒体

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Y E E

$$\sum_{i=1}^I e_i^2$$

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$$e_1 \frac{\partial e_1}{\partial w_j} + e_2 \frac{\partial e_2}{\partial w_j} + \dots + e_I \frac{\partial e_I}{\partial w_j} = 0 \quad (j=1, 2, \dots, J)$$

E E E
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 $\frac{\partial e_1}{\partial w_1} = x_{11}, \frac{\partial e_1}{\partial w_2} = x_{12}, \dots, \frac{\partial e_1}{\partial w_J} = x_{1J}, (i=1, 2, \dots, I)$

E E E
 Y O O T W z fi i S j ø -
 Ø S
 Y O O Z
 $\sum_{i=1}^I e_i x_{i1} = 0, \sum_{i=1}^I e_i x_{i2} = 0, \dots, \sum_{i=1}^I e_i x_{iJ} = 0$

E E E
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$$\left\{ \begin{array}{l} (\sum_{i=1}^I x_{i1} x_{i1}) w_1 + (\sum_{i=1}^I x_{i1} x_{i2}) w_2 + \dots + (\sum_{i=1}^I x_{i1} x_{iJ}) w_J = (\sum_{i=1}^I x_{i1} y_i) \\ (\sum_{i=1}^I x_{i2} x_{i1}) w_1 + (\sum_{i=1}^I x_{i2} x_{i2}) w_2 + \dots + (\sum_{i=1}^I x_{i2} x_{iJ}) w_J = (\sum_{i=1}^I x_{i2} y_i) \\ \dots \\ (\sum_{i=1}^I x_{iJ} x_{i1}) w_1 + (\sum_{i=1}^I x_{iJ} x_{i2}) w_2 + \dots + (\sum_{i=1}^I x_{iJ} x_{iJ}) w_J = (\sum_{i=1}^I x_{iJ} y_i) \end{array} \right.$$

E E E
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$$A = \begin{pmatrix} \sum_{i=1}^I x_{i1} x_{i1} & \sum_{i=1}^I x_{i1} x_{i2} & \dots & \sum_{i=1}^I x_{i1} x_{iJ} \\ \sum_{i=1}^I x_{i2} x_{i1} & \sum_{i=1}^I x_{i2} x_{i2} & \dots & \sum_{i=1}^I x_{i2} x_{iJ} \\ \dots & \dots & \dots & \dots \\ \sum_{i=1}^I x_{iJ} x_{i1} & \sum_{i=1}^I x_{iJ} x_{i2} & \dots & \sum_{i=1}^I x_{iJ} x_{iJ} \end{pmatrix}$$

$$v = \begin{pmatrix} \sum_{i=1}^I x_{i1} y_i \\ \sum_{i=1}^I x_{i2} y_i \\ \vdots \\ \sum_{i=1}^I x_{iJ} y_i \end{pmatrix}$$

	x	a	}	ø	ø
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•	ø	-	~	~	^
a	~	~	~	p	ø

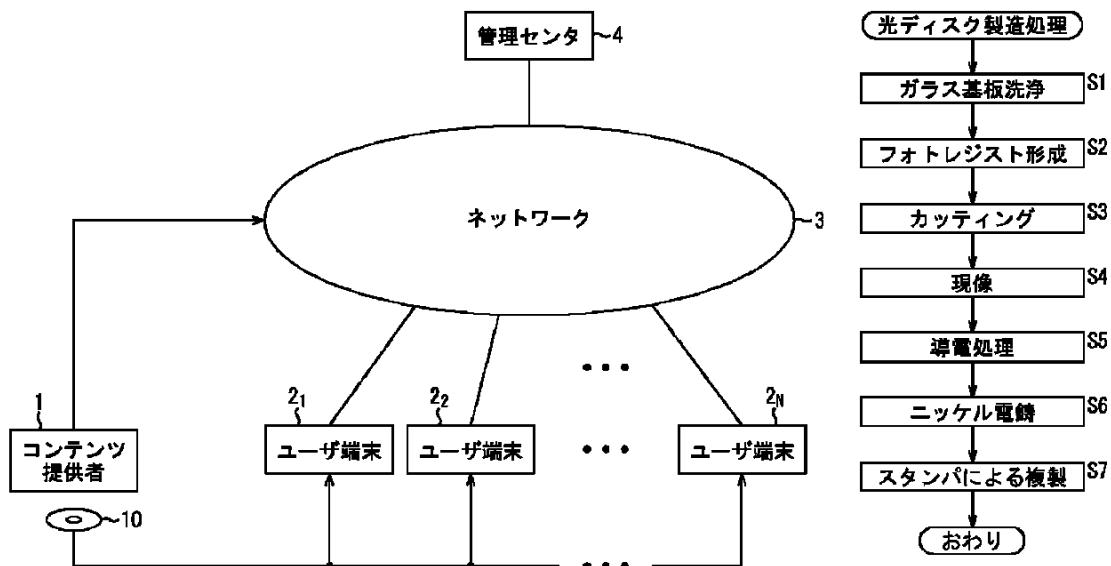
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	[u	[ø	~
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.	a	l	b	g	[
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				•	ø
m				b	[
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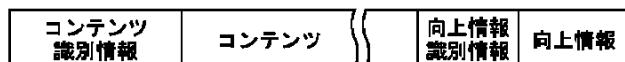
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y } D

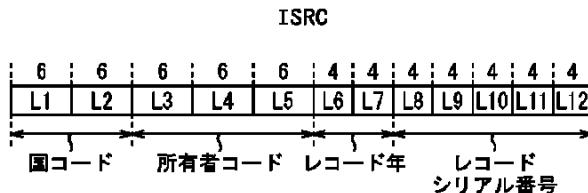


y } Q

y } E

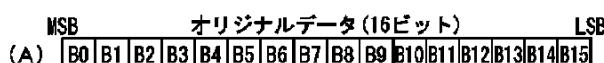


データフォーマット



y } S

y } E



(B) [B0 B1 B2 B3 B4 B5 B6 B7] → 自分

(C) [B0 B1 B2 B3 B4 B5 B6 B7 B8 B9]

(D) [B0 B1 B2 B3 B4 B5 B6 B7 B8 B9]

(E) [B0 B1 B2 B3 B4 B5 B6 B7 B8 B9]

(F) [B0 B1 B2 B3 B4 B5 B6 B7 B8 B9]

向上情報

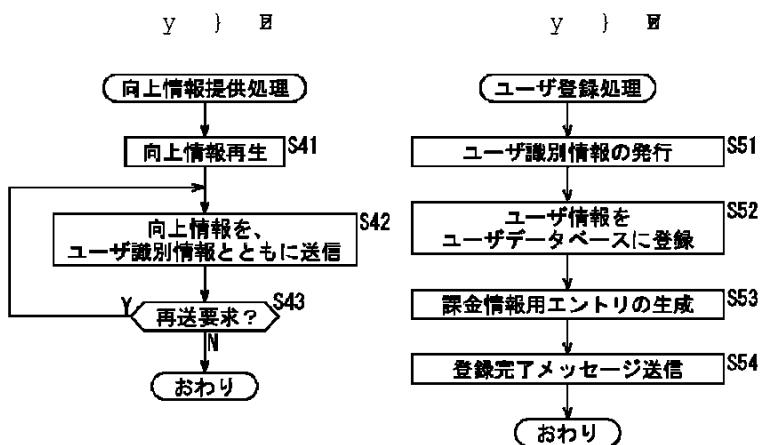
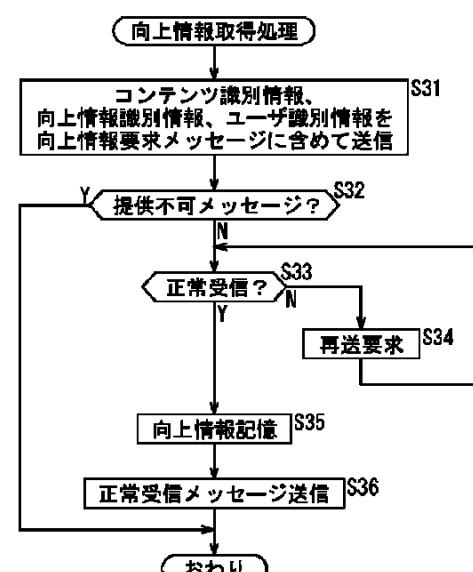
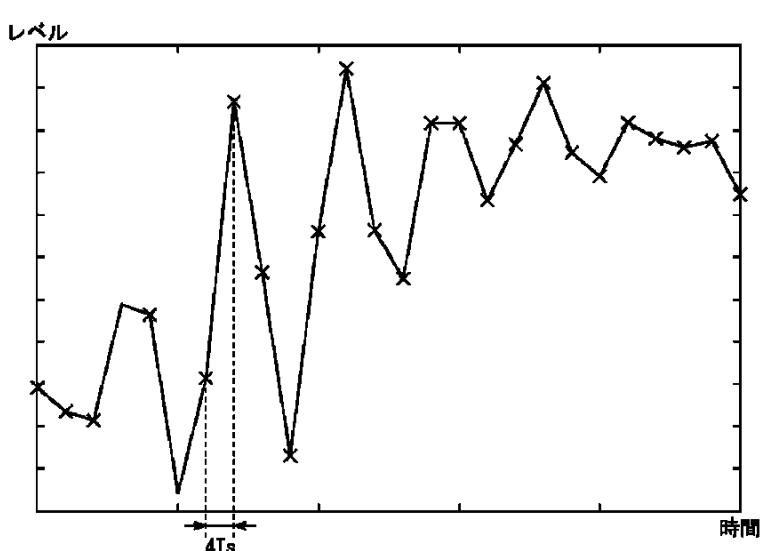
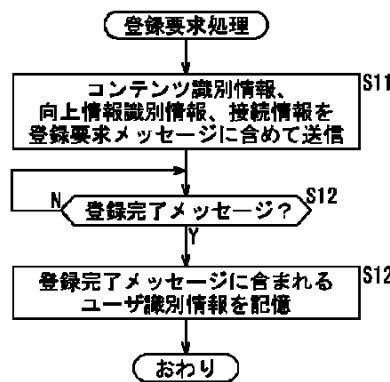
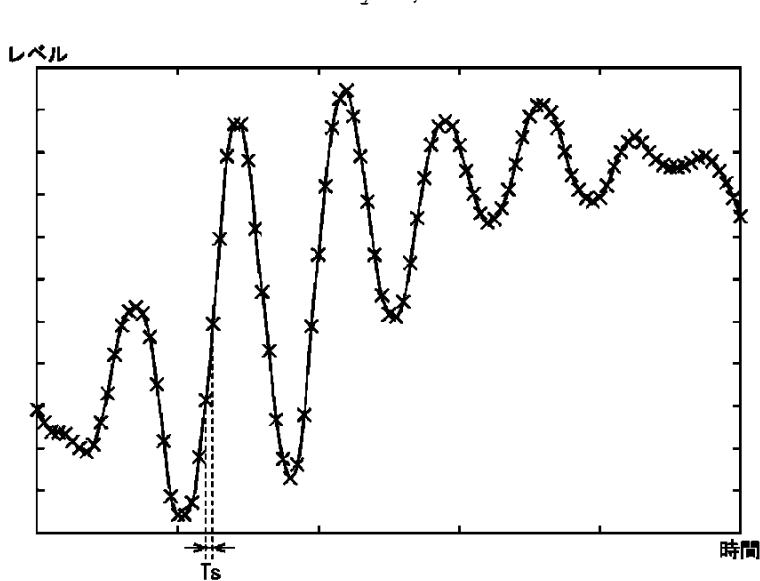
ユーザ端末 2_k 管理センタ 24 ユーザ端末 2_n

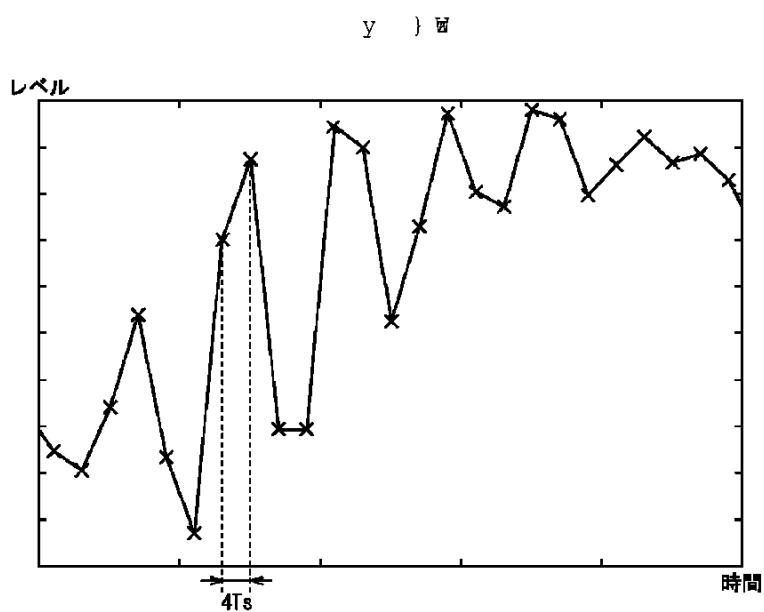
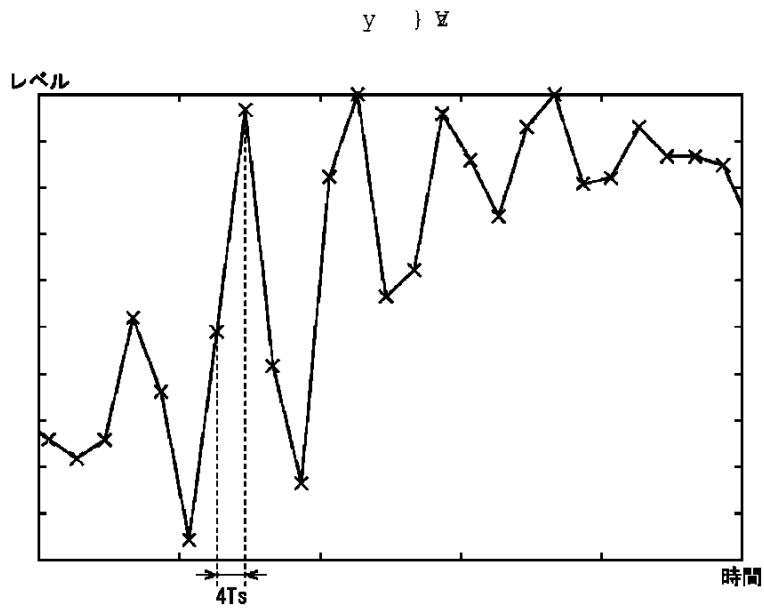
情報要求

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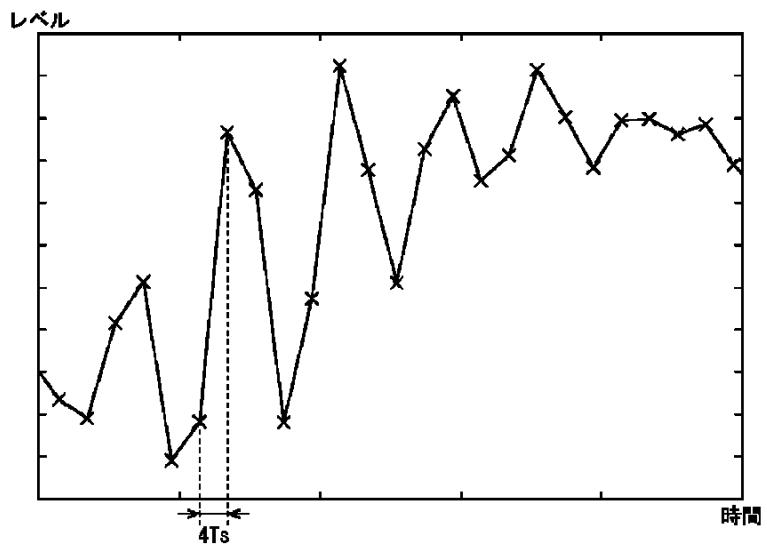
向上情報

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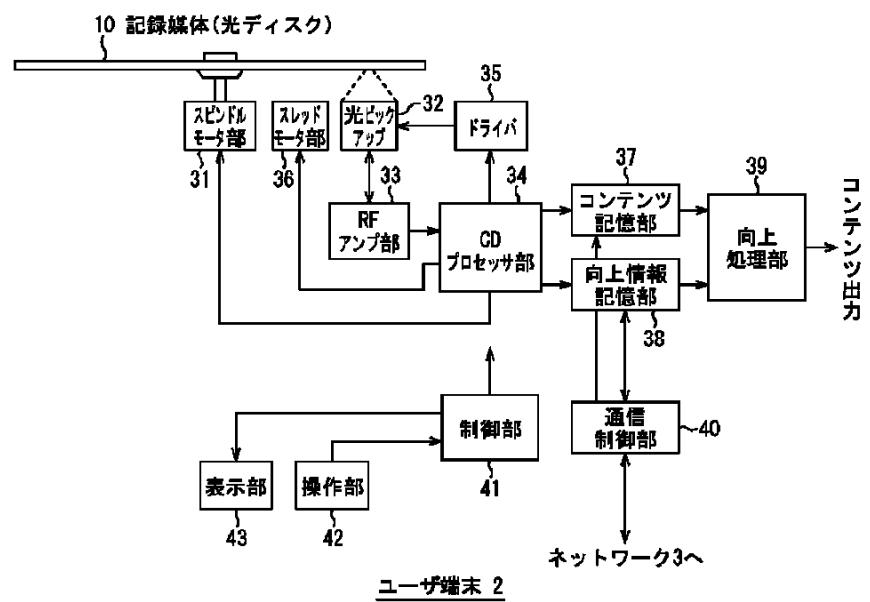




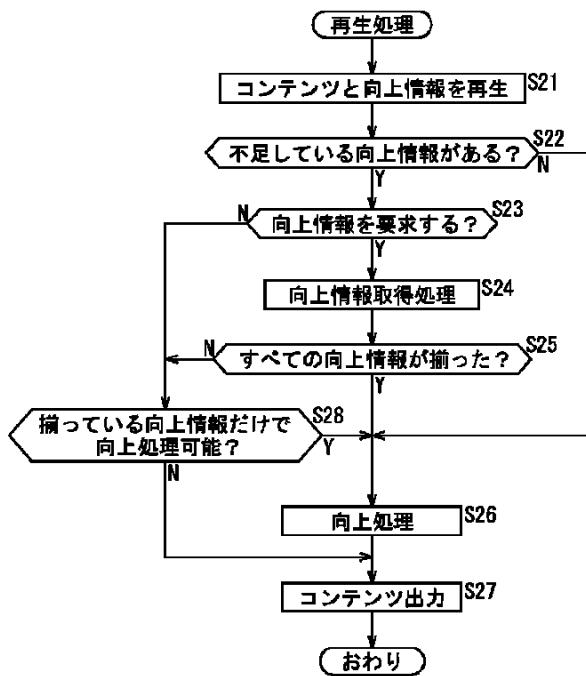
Y } X



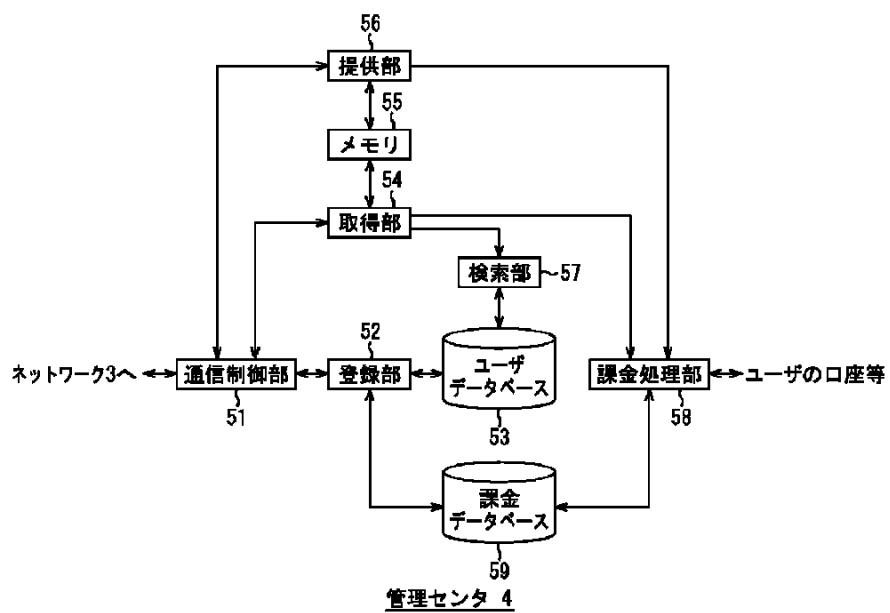
Y } Z

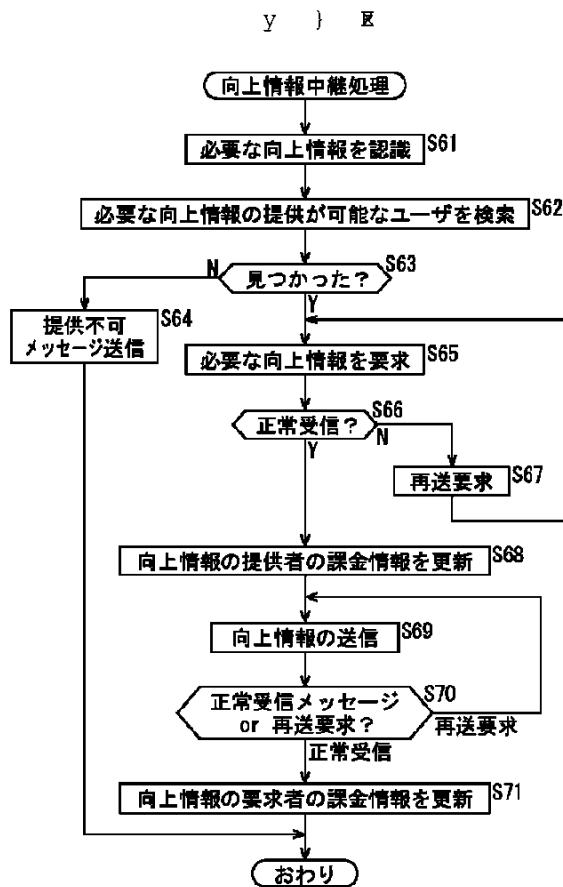


Y } P S



Y } R





Y } Q

